



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

CONNECTICUT, Northeast

NONE REPORTED.

MASSACHUSETTS, Central and East

Bristol County

Dartmouth	04	0645EST		0	0	15K	Lightning
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Lightning from an early morning thunderstorm struck two homes, and caused a widespread equipment failure at the Dartmouth police station. There were no injuries.

MAZ005>007-009-011-017-020 **Western Middlesex - Western Essex - Eastern Essex - Western Hampden - Eastern Hampden - Northern Bristol - Southern Bristol**

11	1130EST	2100EST		0	1	240K	High Wind
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High winds buffeted parts of Massachusetts, as a result of Hurricane Gustav passing several hundred miles southeast of New England and high pressure over southern Canada. Although wind speeds were measured as high as 50 mph, there were numerous reports of downed trees and branches which took down power lines and disrupted service to about twelve thousand electric customers. The damage was likely due to weakened root systems, as a result of the longer term drought being felt over much of the northeast, in addition to the fact that most trees still had their leaves.

The majority of wind damage occurred in the Merrimack Valley where about seven thousand customers lost electricity. One injury was attributed to the high winds. A man was mowing his lawn in Acton when he was hit by a falling tree. In Bristol County, most of the town of Rehoboth lost power, and trees were reported down at many locations. Falling tree limbs damaged two cars in Attleboro.

Bristol County

Rehoboth to Taunton	15	1700EST		0	0	Heavy Rain
	16	0800EST				

Norfolk County

Wrentham to Randolph	15	1700EST		0	0	Heavy Rain
	16	0800EST				

Plymouth County

Brockton to West Bridgewater	15	1700EST		0	0	Heavy Rain
	16	0800EST				

Bands of showers and isolated thunderstorms brought heavy rain to parts of eastern Massachusetts. The heavy rain was attributed to the remnants of Tropical Storm Hanna interacting with an eastward moving cold front. Rainfall totals of 2 to 3 inches were common throughout Norfolk, Bristol, and Plymouth Counties.

Some specific totals include 3.75 inches in Taunton, 3.32 inches in Rehoboth, 2.52 inches in Randolph, 2.50 inches in West Bridgewater, and 2.28 inches in Wrentham. No flooding was reported, aside from minor flooding due to poor drainage.

Barnstable County

Pocasset to Wellfleet	22	2000EST		0	0	Heavy Rain
	23	1100EST				

Bristol County

South Attleboro to Taunton	22	2000EST		0	0	Heavy Rain
	23	1100EST				

Essex County

Haverhill to Beverly	22	2000EST		0	0	Heavy Rain
	23	1100EST				



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MASSACHUSETTS, Central and East

Middlesex County

Billerica	22 23	2000EST 1100EST			0	0			Heavy Rain
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Norfolk County

Foxborough to Randolph	22 23	2000EST 1100EST			0	0			Heavy Rain
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Plymouth County

Marshfield to Duxbury	22 23	2000EST 1100EST			0	0			Heavy Rain
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Worcester County

West Warren	22 23	2000EST 1100EST			0	0			Heavy Rain
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Tropical moisture associated with a slow moving cold front brought heavy rain to much of central and eastern Massachusetts. The highest storm totals, on the order of 2 to 3 inches, were reported on Cape Cod. No flooding was reported as a result of the rainfall, aside from the usual minor flooding in poor drainage areas.

Some specific totals include 3.04 inches in Pocasset, 2.91 inches in Chatham, 2.87 inches in West Warren, 2.80 inches in Sandwich, 2.48 inches in Beverly, 2.45 inches in Randolph, 2.32 inches in South Attleboro, and 2.25 inches in Billerica.

NEW HAMPSHIRE, Southern

Cheshire County

Keene to Swanzy	15 16	1700EST 0800EST			0	0			Heavy Rain
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Bands of showers and isolated thunderstorms brought heavy rain to parts of southern New Hampshire. The heavy rain was attributed to the remnants of Tropical Storm Hanna interacting with an eastward moving cold front. Rainfall totals of 2 to 2.50 inches were common throughout Cheshire County.

Some specific totals include 2.10 inches in Swanzy and 2.09 inches in Keene. No flooding was reported, aside from minor flooding due to poor drainage.

RHODE ISLAND

RIZ001>003

Northwest Providence - Southeast Providence - Western Kent

11	1400EST 1600EST			0	0	55K		High Wind
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High winds buffeted parts of northern and central Rhode Island, as a result of Hurricane Gustav passing several hundred miles southeast of New England and high pressure over southern Canada. Although wind speeds were measured as high as 50 mph, there were numerous reports of downed trees and branches which took down power lines and disrupted service to about eighteen thousand electric customers. The damage was likely due to weakened root systems, as a result of the longer term drought being felt over much of the northeast, in addition to the fact that most trees still had their leaves.

Downed power lines lit a brush fire along Route 104 in Smithfield and trees blocked a road in Warwick. In Providence, a tree fell on a vehicle and branches fell onto a house. About four thousand electric customers lost power in Johnston and Glocester. Falling trees caused damage to a car and two homes in Johnston. Many trees were reported downed by the high winds in Coventry near the Scituate line.



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RHODE ISLAND

Bristol County

Bristol	15	1700EST			0	0			Heavy Rain
	16	0800EST							

Providence County

Johnston to Providence	15	1700EST			0	0			Heavy Rain
	16	0800EST							

Bands of showers and isolated thunderstorms brought heavy rain to parts of Rhode Island. The heavy rain was attributed to the remnants of Tropical Storm Hanna interacting with an eastward moving cold front. Rainfall totals of 2 to 3 inches were common throughout Providence and Bristol Counties.

Some specific totals include 3.05 inches in Cranston, 2.76 inches in Johnston, 2.50 inches in downtown Providence, and 2.15 inches in Bristol. No flooding was reported, aside from minor flooding due to poor drainage.

Newport County

Tiverton to Newport	22	2000EST			0	0			Heavy Rain
	23	1100EST							

Providence County

Providence	22	2000EST			0	0			Heavy Rain
	23	1100EST							

Tropical moisture associated with a slow moving cold front brought heavy rain to parts of Rhode Island.

The highest storm totals, on the order of 2 to 3 inches, were reported in Newport County and into adjacent portions of southeast Massachusetts. No flooding was reported as a result of the rainfall, aside from the usual minor flooding in poor drainage areas

Some specific totals include 3.40 inches in Tiverton, 2.13 inches in downtown Providence, and 2.10 inches in Newport